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NOTICE OF ALLOWANCE AND FEE(S) DUE

23552

7590

05/24/2010

MERCHANT & GOULD PC P.O. BOX 2903 MINNEAPOLIS, MN 55402-0903 EXAMINER

ZAIDI, IQBAL

ART UNIT PAPER NUMBER

2464

DATE MAILED: 05/24/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/585,270	05/27/2008	Jean Beaucage	09680.0363USWO	2259

TITLE OF INVENTION: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE DEVICE IN A RAILWAY-LIKE

ENVIRONMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	08/24/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifica	correspondence including below or directed oth tions.	g the Patent, advance of terwise in Block 1, by (orders and notification of n (a) specifying a new corres	naintenance fees wi spondence address;	ll be i and/or	mailed to the current (b) indicating a sepa	correspondence address arate "FEE ADDRESS" f
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							(Depositor's name
							(Signature
							(Date
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTOI	RNEY DOCKET NO.	CONFIRMATION NO.
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EXAM	INER	ART UNIT	CLASS-SUBCLASS]			
ZAIDI,	IQBAL	2464	370-446000	•			
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.	ND RESIDENCE DATA	' Indication form ed. Use of a Customer A TO BE PRINTED ON	(1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent attolisted, no name will be THE PATENT (print or type data will appear on the page of the part of the pa	e firm (having as a agent) and the name rneys or agents. If n printed.	membe s of up o name	er a 2 o to e is 3	ocument has been filed f
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Authorized Signature				Date			
Typed or printed name This collection of information is required by 37 CFR 1.311. The informa				-			
This collection of inform an application. Confident submitting the completed this form and/or suggesti Box 1450. Alexandria, V	ation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this bur firginia 22313-1450. DC	FR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will var den, should be sent to to NOT SEND FEES OR	ion is required to obtain or r 1.1.4. This collection is est y depending upon the indiv he Chief Information Office COMPLETED FORMS TO	etain a benefit by the imated to take 12 m ridual case. Any cor er, U.S. Patent and T D THIS ADDRESS.	e publi inutes nments radem SENI	ic which is to file (and to complete, including s on the amount of times ark Office, U.S. Dep D TO: Commissioner	1 by the USPTO to proces ig gathering, preparing, ar me you require to comple artment of Commerce, P.G for Patents, P.O. Box 145

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MERCHANT &	GOULD PC	ZAIDI,	IQBAL		
P.O. BOX 2903			ART UNIT	PAPER NUMBER	
MINNEAPOLIS, MN 55402-0903			2464 DATE MAILED: 05/24/2010		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/585,270	BEAUCAGE, JEAN	
Notice of Allowability	Examiner	Art Unit	
	 IQBAL ZAIDI	2464	
The MAILING DATE of this communication apportant apportant and the second allowable, PROSECUTION ON THE MERITS IS therewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT ROT the Office or upon petition by the applicant. See 37 CFR 1.313 This communication is responsive to 03/02/2010.	(OR REMAINS) CLOSED in) or other appropriate commu IGHTS. This application is s	this application. If not included nication will be mailed in due co	urse. THIS
2. ☑ The allowed claim(s) is/are <u>1-24</u> .			
3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv 5. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner' Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1) each sheet. Replacement sheet(s) should be labeled as such in the company of the deposit of the de	e been received. e been received in Application occuments have been received of this communication to file MENT of this application. Initted. Note the attached EXA es reason(s) why the oath or st be submitted. Is on's Patent Drawing Review. Is Amendment / Comment or 1.84(c)) should be written on the the header according to 37 CFI posit of BIOLOGICAL MATE	n No I in this national stage application a reply complying with the requination. MINER'S AMENDMENT or NOr declaration is deficient. (PTO-948) attached in the Office action of the drawings in the front (not the back 1.121(d).	rements FICE OF
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview St Paper No./I 7. ☐ Examiner's	ormal Patent Application Immary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allowa	ance

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REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

2. Claims 1-24 are allowed.

Claim 1 is allowed over the prior art of record since the cited references taken individually or in combination fails to particularly disclose <u>a common mode filter</u> <u>circuit coupled between the first terminal set of the coupling circuit and the network leads; an attenuator having an input connected to the third terminal set of the coupling circuit, and an output connected to the output leads.</u>

It is noted that the closest prior art, Gerszberg et al (US 6546016, Apr. 8, 2003) shows a cable facility management platform and connected the devices by cable service interface and filter the information and supply power to the electronic components of the analog front-end.

However, Gerszberg et al. fails to disclose or render obvious the above underlined limitations as claimed.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Iqbal zaidi whose telephone number is (571)270-3943. The examiner can normally be reached on 7:30a.m to 5:00p.m.

Art Unit: 2464

If attempts to reach the above noted Examiner by telephone are unsuccessful, the Examiner's supervisor, NGO RICKY can be reached on 571-272-3139.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Ricky Ngo/

Supervisory Patent Examiner, Art

Unit 2464